



# eBEAM EVAPORATOR

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MANUFACTURER : Conception HiVac System

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MODEL : built in-house

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## Unique in Quebec :

- Offering the ability to perform evaporations on rotating samples
- Sample sizes : 10 mm to 100 mm

## Characteristics

- Pressure : 0.001 mTorr to 0.0035 mTorr
- Source Telemark, Model 211
- Mini DC motor for samples rotation
- Possibility to perform a joule effect evaporation before or after an e-beam evaporation

## ROUTINE PROCESS

### Evaporation

#### Metal deposition

- Al and Pt
- Thickness : 15 nm to 500 nm